FORM PTO 1590

US DEPARTMENT OF COMMERCE PATENT AND TRADEMARY OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. §371

ATTORNEY DOCKET NUMBER 2001-1102A

U.S. APPLY 190688

International Application No. PCT/IP00/08631

International Filing Date December 6, 2000 Priority Date Claimed December 6, 1999

Title of Invention

priority date.

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HUMAN PROTEIN AND cDNA

Applicant(s) For DO/EO/US

Seishi KATO: Chikashi EGUCHI: Mihoro SAEKI

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- 1. [X] This is a FIRST submission of items concerning a filing under 35 U.S.C. §371.
- 2. [] This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. §371.
- 3. '[X] This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).
 4. [] A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed
- 5. [X] A copy of the International Application as filed (35 U.S.C. §371(c)(2))
 - a. [] is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [X] has been transmitted by the International Bureau.
 - c. [] is not required, as the application was filed in the United States Receiving Office (RO/US)
- 6. [X] A translation of the International Application into English (35 U.S.C. §371(c)(2)). ATTACHMENT A
- 7. [] Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)).
 - a. [] are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. [] have been transmitted by the International Bureau.
 - c. [] have not been made; however, the time limit for making such amendments has NOT expired.
 - d. [] have not been made and will not be made.
- 8. [] A translation of the amendments to the claims under PCT Article 19.
- 9. [X] An unexecuted oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)).
- 10. [] A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

Items 11. to 14. below concern other document(s) or information included:

- 11. [] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
- 12. [] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
- 13. [] A FIRST preliminary amendment.
 - 1 A SECOND or SUBSEQUENT preliminary amendment.
- 14. [X] Other items or information:
 - a. Sequence Listing in Computer Readable Form ATTACHMENT C

U.S. APPLICATION NO. 8	PPLICATION NO. 8-9-0-8 8 INTERNATIONAL APPLICATION NO. PCT//P00/08631		TION NO.	ATTORNEY'S DOCKET NO. 2001-1102A	
15. [X] The following fees are submitted			CALCULATIONS	PTO USE ONLY	
and International Search Report has be International Search Report has be International preliminary examina paid to USPTO International preliminary examina for PCT Article 33(1)-(4) International preliminary examina	examination fee nor into ort not prepared by the E- ticen prepared by the EP- tion fee not paid of USI ation fee paid to USPTO	ernational search fee paid to USPT EPO or JPO	\$1000.00 \$860.00 \$710.00 \$5710.00 \$690.00		
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 860.00	
Surcharge of \$130.00 for furnish claimed priority date (37 CFR 1.		on later than [] 20 [] 30 month	s from the earliest		
Claims	Number Filed	Number Extra	Rate		
Total Claims	11 -20 =	0	X \$18.00	s	
Independent Claims	1 - 3 =	0	X \$80.00	s	
Multiple dependent claim(s) (if applicable) + \$270.00				\$ 270.00	
TOTAL OF ABOVE CALCULATIONS =				\$1,130.00	
[] Small Entity Status is hereby asserted. Above fees are reduced by 1/2.					
TOTAL OF ABOVE CALCULATIONS = [] Small Entity Status is hereby asserted. Above fees are reduced by 1/2. SUBTOTAL =				\$1,130.00	
Processing fee of \$130.00 for fur earliest claimed priority date (37		slation later than [] 20 [] 30 nv	onths from the		
TOTAL NATIONAL FEE =				\$1,130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +					
TOTAL FEES ENCLOSED =				\$1,130.00	
				Amount to be refunded	s
				Amount to be charged	s
n. [X] A check in the amount of \$ 1	.130,00 to cover the above	e fees is enclosed. A duplicate copy of	this form is enclosed.		

- b. [] Please charge my Deposit Account No. 23-0975 in the amount of \$______ to cover the above fees.
 A duplicate copy of this sheet is enclosed.
- c. [X] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0975.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

19. CORRESPONDENCE ADDRESS



PATENT TRADEMARK OFFICE

w: Matthew Jacob, Reg. No. 25,154
For Warren M. Cheek, Jr., Reg. No. 33,367

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August 6, 2001

[CHECK NO. 45 P46

[2001-1102A]